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Description		Seguence	Seguence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Seguence	Seguence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Seguence	Sequence	Sequence
Desc	:	Sed	Seg	Sed	Sed	Sed	Sed	Sed	Sed	Sed	Sed	Sed	Sed	Sed	Sed	Sed	Sed	Sed	Sed	Sed	Sed	Sed	Sed	Sed	Sed	Sed	Sed	Sed	Sed	Sed	Seg	Sed	Sed	Sed	Seg	Sed	Sed	Sed
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	1111	232-4	841-6	901-7	90-07	92-01	93-05	93-07	93-07	93-08	93-08	93-08	93-10	147-0	278-7	480-5	479-6	155-3	406-6	643-5	447-5	643-7	462-6	451-9	459-3	445-4	901-2	449-7	193-07	768-1	-684	-005-002C	-487-203A	454-	-08-602-036A	502-	-642-4	57
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Score		37	34	34	34	34	34	34	34	34	34	34	34	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	56	28	28	28	28	28	28	5	
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Result No.	i	υ	O	υ	υ	υ	U	U	υ	υ	O	υ	υ	O	υ	υ	υ	O	U	υ	υ	ပ	υ	ပ	O	υ	υ	υ	υ	υ				υ				υ

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38 44 41 42 42 43 43 44 44 44 43 44 44 45 44 45 44 46 46 47 48 48 48 48 48 48 48 48 48 48 48 48 48		708232463 7. F. S. SWEINANT FOWLPOX VIRUS cdner Road, Suite 500 118k 15k 1688-10, Version #1.2 1688/232,463 16991 17935,313 19 91 114 300.6 1991 0N: 29,768 18: 30472/114 IMMU ATTON: 300 14: 15	6%; Score 37.8; DB 2; Ler 5%; Pred. No. 0.0088; I 196; Mismatches 103; I 1990caagcaactctgoccaagccaaggt; I I I I I I I I I I I I I I I I I I I
38 44 41 42 42 43 43 44 44 44 43 44 44 45 44 45 44 46 46 47 48 48 48 48 48 48 48 48 48 48 48 48 48	0.00000.00	Per Composition of the compositi	llarity 9. Conservativ cacagtcagcca :::::: :RRRRRRRRRRRRRRR
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gggtgaatggtactgctgattacaacctctggtgctgctcccccctcctgtttatctgag 260
                                                 141 tetggaggecaacaggaettetgagteateetgtggggggtggaggtgggacaagggaaag
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ZIP: 02109
COMPUTER READABLE FORM:
COMPUTER: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/841,646

**TITING DATE: 19920221
                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: OPPERMANN, HERMANN
APPLICANT: OZKAYNKK, ENGIN
APPLICANT: OZKAYNKK, ENGIN
APPLICANT: RUBERASAMPATH, THANGAVEL
APPLICANT: RUBGER, DAVID C.
APPLICANT: PANG, ROY H.L.
TITLE OF INVENTION: OSTEOGENIC DEVICES
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: TESTA, HURWITZ & THIBEAULT
STREET: 53 STATE STREET
CITY: BOSTON
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CLASSIFICATION 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 810,560
FILING DATE: 20-DEC-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 827,052
FILING DATE: 28-JAM-1992
PRIOR APPLICATION DATA:
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FILING DATE: 07-SEP-1990
PRIOR APPLICATION DATA:
PAPPLICATION NUMBER: US 569,920
FILING DATE: 20-AUG-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 18-OCI-LING PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 599,543
APPLICATION NUMBER: 18-OCI-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US 621,849
FILING DATE: 04-DEC-1990
PRIOR APPLICATION DATA:
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FILING DATE: 22-FEB-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 621,988
FILING DATE: 04-DEC-1990
PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US 600,024 FILING DATE: 18-OCT-1990
                                                                                                                                                                                                                                                                                                                                                                      Sequence 24, Application US/07841646
Patent No. 5266683
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STATE: MASSACHUSETTS
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                  1032 AATTAATTCTGTG 1020
                                                                                                                                                                                                                        261 agggaaggccatg 273
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1435 AAAGGTGTGGCCCCCCAAAGGTCAGGGTCTCAGGAAGAGCTAGTGGCAGCCACAGGCCCG 1376
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Pred. No. 0.069;
0; Mismatches 43; Indels 0;
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APPLICANT: OPPERAANN
APPLICANT: OPPERAANN
APPLICANT: OZAKAYNAK, ENGHANN
APPLICANT: OZAKAYNAK, ENGHANN
TITLE OF INVENTION: OSTEOGENIC PROPERTIES
TITLE OF INVENTION: OSTEOGENIC PROPERTIES
CORRESPONDENCE ADDRESS:
ADDRESSEE: TESTA, HURMITZ & THIBEAULT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1375 GACCACCATGTTTCTGTACTTCTAGGGTCGACATTAGAGCTG 1333
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: CDS
LOCATION: 104..1393
COTHER INFORMATION: /function= "OSTEOGENIC PROTEIN"
OTHER INFORMATION: /product= "MOP1"
OTHER INFORMATION: /note= "MOP1 (CDNA)"
US-07-841-646-24
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  APPLICATION NUMBER: US 400,000
FRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
FILING DATE: 17-0CT-1989
PRIOR APPLICATION DATA:
APPLICATION DATA:
FILING DATE: 23-FEB-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 212,630
FILING DATE: 15-AUG-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 179,460
FILING DATE: 08-APR-1988
ATTORNEY/AGENT INFORMATION:
NAME: PITCHER, EDMUND R.
REGISTRATION NUMBER: 27,829
REFERENCE/DOCKET NUMBER: CRP-001CP6
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION OF SEQUENCE:
TELECOMMUNICATION OF SEQUENCE:
TELEGENCE CHARACTERISTICS:
LENGTH: 1873 base pairs
TTYPE: NUCLEET ALIAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 8, Application US/07901703; Patent No. 5344654; GENERAL INFORMATION:
US 483,913
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Best Local Similarity 58.33
Matches 60; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: MURIDAE
TISSUE TYPE: EMBRYO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: CDNA HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    BOSTON
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Db 1435 AAAGGTGTGGCCCCCCAAAGGTCAGGGTCTCAGGAAGAGCTAGTGGCAGCCACAGGCCCG 1376
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Sequence 18, Application PC/TUS9201968
SEDERAL INFORMATION:
APPLICANT: COHEN, CHARLES M
APPLICANT: PANG, ROY HL
APPLICANT: PANG, ROY HL
APPLICANT: PAUGSEN, DAVID C
TITLE OF INVERTION: PROTEIN-INDUCED MORPHOGENESIS
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1375 GACCACCATGTTTTTGTACTTCTTCAGGTCGACATTAGAGCTG 1333
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CTHER INFORMATION: /function= "OSTEOGENIC PROTEIN"
CTHER INFORMATION: /product= "MOPI"
CTHER INFORMATION: /note= "MOPI (CDNA)"
PCT-US90-07654-1
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/01968
FILING DATE: 19920311
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        EXCHANGE PLACE 53 STATE STREET
CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US90/07654
FILING DATE: 19901228
CLASSIFICATION: 156
ATTORNEY/AGENT INFORMATION:
NAME: PITCHER ESQ, EDMUND R
REGISTRATION NUMBER: 27,829
REFERENCE/DOCKET NUMBER: 27,829
FILECOMMUNICATION INFORMATION:
TELEPRAX: 627/248-7100
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1873 base pairs
TYPE: NUCLEIC ACID
STRANFEDNESS: SIGILE
TYPE: NUCLEIC ACID
STRANFEDNESS: SIGILE
TYPE: NUCLEIC ACID
STRANFEDNESS: SIGILE
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PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
NAME/KEY: CDS
LOCATION: 104..1393
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: MURIDAE
TISSUE TYPE: EMBRYO
                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET: EXCHA
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PCT-US92-01968-18/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE:
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COUNTRY: USA
COMPUTER READABLE FORM:
COMPUTER: Floppy disk
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTE: Patentin Release #1.0, Version #1.25
                          COMPUTER READBLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/901,703
FILING DATE: 19920616
CLASSIFCATION: 435
ATTORNEY AGENT INFORMATION:
NAME: PITCHER ESO, EDMUD R
REFERENCE/DOCKET NUMBER: STR-057
FELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEVALUE (1972) Base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
"NOTION FOR SINGLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: /function= "OSTEGGENIC PROTEIN"
OTHER INFORMATION: /product= "MOP1"
COTHER INFORMATION: /note= "MOP1 (CDNA)"
US-07-901-703-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           121 gccaaccatgactcagtgcttctggaggccaacaggacttctg 163
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PCT-US90-07654-1/c
Sequence 1, Application PC/TUS9007654
Sequence 1, Application PC/TUS9007654
GENERAL INFORMATION:
APPLICANT: OZKAYNAK, ENGIN
APPLICANT: OPPERMANN, HERMANN
APPLICANT: RUBGER, DAVID C
ITLE OF INVENTION: OSTEOGENIC DEVICES
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: TESTA, HURMITZ & THIBEAULT
STREET: 53 STATE STREET
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: MURIDAE
TISSUE TYPE: EMBRYO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: CDS
LOCATION: 104..1393
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HYPOTHETICAL: NO
ANTI-SENSE: NO
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET: 53 ST
CITY: BOSTON
          COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             g
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RESULT 7
PCT-US93-07190-18/C
; Sequence 18, Application PC/TUS9307190
; Septence 18, Application PC/TUS9307190
; APPLICANT:
  INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 1873 base pairs TYPE: NUCLEIC ACID STRANDEDNESS: $1ngle TOPOLOGY: linear MOLECULE TYPE: CDNA HYPOTHETICAL: NO AMYI-SENSE: NO COPTIENT
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                            NAME/KEY: CDS
COCATION: 104..1393
COTHER INFORMATION: /F
COTHER INFORMATION: /P
CT-US93-05446-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: USA
ZIP: 01748
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        single
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TISSUE TYPE: EMBRYO
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STRANDEDNESS: sing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
                                                                                                                                                                                                                                          ORIGINAL SOURCE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ANTI-SENSE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match

9.6%; Score 34.2; DB 5; Length 1873;
Best Local Similarity 58.3%; Pred. No. 0.069;
Matches 60; Conservative 0; Mismatches 43; Indels 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: PROSTHETIC DEVICES HAVING ENHANCED TITLE OF INVENTION: OSTEOGENIC PROPERTIES
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Creative BioMolecules, Inc.
STREET: 35 South Street
CITY: Hopkinton
STATE: MA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: CDS
LOCATION: 104..1393
LOCATION: 104..1393
OTHER INFORMATION: /function="OSTEOGENIC PROTEIN"
OTHER INFORMATION: /product="MOP1"
OTHER INFORMATION: /note="MOP1"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             121 gocaaccatgactcagtgcttctggaggccaacaggacttctg 163
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/05446
FILING DATE: 19930608
                         FILING DATE: 11-MR-1991

PRIOR APPLICATION NUMBER: 152,764
FILING DATE: 30-AUG-1991
ATTORNEY/AGENT INFORMATION:
NAME: PITCHER ESQ, EDMUND R
REGISTRATION NUMBER: 27,829
REFERRNCE/POCKET NUMBER: 27,829
REFERRNCE/POCKET NUMBER: CRP-052PC
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/248-7000
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGHT: 1873 DASE PAIRS
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SERSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
NAME: PITCHER ESQ, EDMUND R
REGISTRATION NUMBER: 27,829
REFERENCE/DOCKET NUMBER: STK-057
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 8, Application PC/TUS9305446 GENERAL INFORMATION: APPLICANT:
         US 667,274
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: MURIDAE
TISSUE TYPE: EMBRYO
           APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                ORIGINAL SOURCE
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PCT-US93-05446-8/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE
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1435 AAAGGTGTGGCCCCGCAAAGGTCAGGGTCTCAGGAAGAGCTAGTGGCAGCCCACAGGCCCG 1376
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                                                                                                                                                                                 Length 1873;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: MORPHOGEN-ENRICHED DIETARY COMPOSITION NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESSE: CREATIVE BIOMOLECULES, INC.
ADDRESSE: 35 SOUTH STREET
CITY: HOPKINTON
STATE: MA
                                                                                                                                                                             Query Match 9.6%; Score 34.2; DB 5; Length 1
Best Local Similarity 58.3%; Pred. No. 0.069;
Matches 60; Conservative 0; Mismatches 43; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1375 GACCACCATGTTTCTGTACTTCTTCAGGTCGACATTAGAGCTG 1333
/function- "OSTEOGENIC PROTEIN"
/product- "MOP1"
/note- "MOP1 (CDNA)"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
SOFTWARE: PC-DOS/MS-DOS
SOFTWARE: PACHAIL Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/07190
ATTORNEY/AGENT INFORMATION:
NAME: KELLEY, ROBIN D:
REGISTRATION NUMBER: 34,637
REFERENCE/POCKET NUMBER: CRP-071
TELECOMMUTCATION INFORMATION:
TELEPAX: 617/248-7000
ITELEPAX: 617/248-7100
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 1873 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                           121 gccaaccatgactcagtgcttctggaggccaacaggacttctg 163
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Gaps

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MORPHOGEN-INDUCED PERIODONTAL TISSUE REGENERATION
                                                                                                                                                                61 aagggtggaggcatgcagctgtgggggtctgtgaaaacacttgagggagcagataactgg 120
                                                                                 Score 34.2; DB 5; Length 1873;
Pred. No. 0.069;
0; Mismatches 43; Indels 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/08742
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 34.2; DB
Pred. No. 0.069;
; OTHER INFORMATION: /note- "MOP1 (CDNA)" PCT-US93-07231-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /product= "MOP1"
/note= "MOP1 (CDNA)"
                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: MORPHOGEN-INDUCED PE
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESSEE: CREATIVE BIOMOLECULES, INC.
STREET: 45 SOUTH STREET
                                                                                                                                                                                                                                                                                                                                              RESULT 9
PCT-US92-08742-18/c
FORT-US93-08742-18, Application PC/TUS9308742
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
ATORNEY/AGENT INFORMATION:
NAME: KELLEY ESG, ROBIN D.
REGISTRATION NUMBER: 34,637
REFERENCE/DOCKET NUMBER: CRP-(TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/248-7477
TELEFAX: 617/248-7477
TELEFAX: 617/248-7100
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHRARCTERISTICS:
LENGTH: 1873 base pairs
TYPE: NUCLEIC acid
STRANDENNESS: SINGIE
                                                                                 Query Match
Best Local Similarity 58.3%;
Matches 60; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             9.6%;
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LOCATION: 104..1393

COTHER INFORMATION: /F

OTHER INFORMATION: /P

CT-US93-08742-18
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PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MURIDAE
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Best Local Similarity
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MOLECULE TYPE: C
HYPOTHETICAL: NC
ANTI-SENSE: NO
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY: US/
ZIP: 01748
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                                                                                                                                                                                                                                       Score 34.2; DB 5; Length 1873;
Pred. No. 0.069;
0; Mismatches 43; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MORPHOGEN-INDUCED NERVE REGENERATION AND REPAIR
                                                                           NAME/KEY: CDS
LOCATION: 104..1393
OTHER INFORMATION: /function= "OSTEOGENIC PROTEIN"
OTHER INFORMATION: /product= "MOP1"
OTHER INFORMATION: /note= "MOP1"
PCT-US93-07190-18
                                                                                                                                                                                                                                                                                                                                                                                                                               1375 GACCACCATGTTTCTGTACTTCTTCAGGTCGACATTAGAGCTG 1333
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: /function= "OSTEOGENIC PROTEIN"
OTHER INFORMATION: /product= "MOP1"
                                                                                                                                                                                                                                                                                                                                                                                                    121 gccaaccatgactcagtgcttctggaggccaacaggacttctg 163
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/07231
FILING DATE: 19930729
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 8
PCT-U593-07231-18/C
Sequence 18, Application PC/TUS9307231
GENERAL INFORMATION:
TITLE OF INVENTION: MORPHOGEN-INDUCED NER:
TITLE OF INVENTION: REPAIR
MUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESSEE: CREATIVE BIOMOLECULES, INC.
STREET: HOPKINTON
STATE: MASSECTION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY AGENT INFORMATION:
NAME: RELEEY, ROBIN D.
REGISTRATION NUMBER: 34,637
REFERENCE/DOCKET NUMBER: CRP-0
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/248-7100
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 1873 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                     Query Match
Best Local Similarity 58.3%;
Matches 60; Conservative (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    single
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ORIGINAL SOURCE:
ORGANISM: MURIDAE
TISSUE TYPE: EMBRYO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: MURIDAE
TISSUE TYPE: EMBRYO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: CDS
LOCATION: 104..1393
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: CDNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       USA
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ZIP: 01748
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1435 AAAGGTGTGGCCCCGCAAAGGTCAGGGTCTCAGGAAGAGCTAGTGGCAGCCACAGGCCCG 1376
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 9.6%; Score 34.2; DB 5; Length 1873; Best Local Similarity 58.3%; Pred. No. 0.069; Matches 60; Conservative 0; Mismatches 43; Indels 0.
                                                                                                                                                                                                       MORPHOGEN TREATMENT OF GASTROINTESTINAL ULCERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CCATION: 104..1393
OTHER INFORMATION: /function= "OSTEOGENIC PROTEIN"
OTHER INFORMATION: /product= "MOP1"
OTHER INFORMATION: /note= "MOP1 (CDNA)"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1375 GACCACCATGTTTCTGTACTTCTTCAGGTCGACATTAGAGCTG 1333
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  121 gecaaccatgactcagtgettetggaggecaacaggaettetg 163
                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/08885
                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS: 1NC.
STREET: 45 SOUTH STREET
CITY: HOPKINTON
                                                                                                  RESULT 11
PCT-US93-08885-18/C
; Sequence 18, Application PC/TUS9308885
GENERAL INFORMATION:
; APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: KELLER ESQ, ROBIN D.
REGISTRATION NUMBER: 34,637
REFERENCE/DOCKET NUMBER: CRP-
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/248-747
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGHH: 1873 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                 Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 01748
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TISSUE TYPE: EMBRYO FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: CDS
TOCATION: 104..1393
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MURIDAE
                                                                                                                                                                                                    TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        linear
                                                                                                                                                                                                                                                                                                                                                                      USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: MUR
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                                                                                                                                                                                                                                                                                                                                                                      COUNTRY:
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                                         61 aagggtggaggcatgcagctgtgggggtctgtgaaaacacttgagggagcagataactgg 120
    0; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   9.6%; Score 34.2; DB 5; Length 1873; llarity 58.3%; Pred. No. 0.069; Conservative 0; Mismatches 43; Indels 0
                                                                                                                                                                                                                                                                                                                             MORPHOGEN-INDUCED LIVER REGENERATION 33
  43; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: /function= "OSTEOGENIC PROTEIN"
OTHER INFORMATION: /product= "MOP1"
OTHER INFORMATION: /note= "MOP1 (CDNA)"
                                                                                                                                              121 gccaaccatgactcagtgcttctggaggccaacaggacttctg 163
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: STEM PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/08808
  0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: CREATIVE BIOMOLECULES, INC. STREET: 45 SOUTH STREET
CITY: HOPKINTON
                                                                                                                                                                                                                                          PCT-US93-08808-18/c
; Sequence 18, Application PC/TUS9308808
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: KELLEY ESQ, ROBIN D.
REGISTRATION NUMBER: 34, 637
REFERENCE/DOCKET NUMBER:
TELECOMMUNICATION INFORMATION:
TELECHONE: 617/248-7107
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 1873 base pairs
Matches 60; Conservative
                                                                                                                                                                                                                                                                                                       APPLICANT:
TITLE OF INVENTION: MOINUMBER OF SEQUENCES: 3:
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: MURIDAE
TISSUE TYPE: EMBRYO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: CDS
LOCATION: 104..1393
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid STRANDEDNESS: sing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION:
COTHER INFORMATION:
PCT-US93-08808-18
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Best Local Similarity
Matches 60; Conservat
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RESULT 13
US-08-147-023-24/C
Sequence 24, Application US/08147023
Sequence 24, Application US/08147023
Sequence 24, Application US/08147023
Settle No. 546804
Settle No. 54680
                                                                                                                                                                                                                  1375 GACCACCATGTTCTGTACTTCTAGGTCGACATTAGAGCTG 1333
                                                                                                                                     121 gccaaccatgactcagtgcttctggaggccaacaggacttctg 163
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 810,560
FILING DATE: 20-DEC-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 827,052
FILING DATE: 28-JAN-1992
PRIOR APPLICATION NUMBER: US 660,162
FILING DATE: 22-FEB-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 621,988
FILING DATE: 04-DEC-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 621,988
FILING DATE: 04-DEC-1990
PRIOR APPLICATION NUMBER: US 621,849
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FILING DATE: 20-AUG-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 483,913
FILING DATE: 22-FEB-1990
PRIOR APPLICATION NUMBER: US 422,613
FILING DATE: 17-OCT-1989
FILING DATE: 17-OCT-1989
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FILING DATE: 0-DEC-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 616,374
FILING DATE: 21-NOV-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 600,024
FILING DATE: 18-OCT-1990
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APPLICATION NUMBER: US 599,543
FILING DATE: 18-OCT-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 579,865
FILING DATE: 07-SEP-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 569,920
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      : /function= "OSTEOGENIC PROTEIN"
: /product= "MOP1-PP"
: /note= "MOP1 (cDNA)"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/10520
                                                                                                                                                                                                         OP3-INDUCED MORPHOGENESIS
RESULT 12
PCT-US93-10520-5/c
Sequence 5, Application PC/TUS9310520
GENERAL INFORMATION:
TITLE OF INVENTION: OP3-INDUCED MORPHOGENE;
MUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: CREATIVE BIOMOLECULES, INC.
STREET: HOPKINTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/667,274
FILING DATE: 11 MAR-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/752,764
FILING DATE: 30-AUG-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/752,857
FILING DATE: 30-AUG-1991
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US 07/752,857
FILING DATE: 31-UL-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/923,780
FILING DATE: 31-UL-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/922,813
FILING DATE: 31-UL-1992
ATTORNEY/AGENT INFORMATION:
NAME: PITCHER ESO, EDMUND R
REGISTRATION NUMBER: 27,829
REFERENCE/DOCKET NUMBER: 27,829
REFERENCE/DOCKET NUMBER: 27,829
REFERENCE/DOCKET NUMBER: 27,829
TELECOMMUNICATION INFORMATION:
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              : NAME/KEY: CDS
: LOCATION: 104..1393
: OTHER INFORMATION: /f
: OTHER INFORMATION: /p
: OTHER INFORMATION: /p
: PCT-US93-10520-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: USA ZIP: 01748 COMPUTER READABLE FORM:
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TISSUE TYPE: EMBRYO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear MOLECULE TYPE: cDNA HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION:
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61 aagggtggaggcatgcagctgtgggggtctgtgaaaacacttgagggagcagataactgg 120

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MOLECULE TYPE: CDNA
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Best Local Similarity
Matches 59; Conserva
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 9.2%; Score 32.6; DB 1; Length 1873; Best Local Similarity 57.3%; Pred. No. 0.22; Matches 59; Conservative 0; Mismatches 44; Indels 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: SNART, JOHN
APPLICANT: OPPERMANN, HERMAN
APPLICANT: OPPERMANN, HERMAN
APPLICANT: OZATYNAK, ENGIN
APPLICANT: RUEGER, DAVID C.
APPLICANT: RUEGER, DAVID C.
APPLICANT: CHARLES M.
TITLE OF INVENTION: MORPHOGENIC PROTEIN SCREENING METHOD NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESSEE: PATENT ADMINISTRATOR, CREATIVE BIOMOLECULES STREET: 45 SOUTH STREET
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: /function= "OSTEOGENIC PROTEIN";
OTHER INFORMATION: /product= "MOP1"
OTHER INFORMATION: /note= "MOP1 CDNA"
US-08-147-023-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1375 GACCACCATGTTCTGTACTTCTTCAGGATGACATTAGAGCTG 1333
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COMPUTER: IMP PC competible
ODERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
FILLING DATE: 20-UUL-1994
                    FILING DATE: 23-FEB-1989
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
FILING DATE: 15-A0G-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08 179,460
FILING DATE: 08-APR-1988
ATTORNEY/AGENT INFORMATION:
NAME: PITCHER, EDMUND R.
REGISTRATION NUMBER: 27,829
REFERENCE/DOCKET NUMBER: 21,829
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 18, Application US/08278729A
Patent No. 5650276
APPLICATION NUMBER: US 315,342 FILING DATE: 23-FEB-1989
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MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: CDS
LOCATION: 104..1393
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear MOLECULE TYPE: CDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       HOPKINTON
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US-08-278-729A-18/c
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STATE: MA
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TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
FRATURE: CDNA
FRATURE: NOACECULE TYPE: CDNA
FRATURE: NAME/KEY: CDS
COTHER INFORMATION: /function= "OSTEOGENIC PROTEIN"
COTHER INFORMATION: /function= "moPl-pp"
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